

Title (en)

Seatbelt apparatus

Title (de)

Sicherheitsgurtvorrichtung

Title (fr)

Dispositif de ceinture de sécurité

Publication

EP 1785321 A1 20070516 (DE)

Application

EP 05024419 A 20051109

Priority

EP 05024419 A 20051109

Abstract (en)

Seat-belt assembly comprises a seat-belt (11), a seat-belt retractor (13) and a drive (15, 17) preferably an electric motor for a retractor. A unidirectional effective locking member is integrated into drive train between drive and retractor and, starting from a normal locking state, locking action increases in the event of force transmission starting from belt and, in event of force transmission starting from drive, changes over into release state.

IPC 8 full level

B60R 22/38 (2006.01); **B60R 22/44** (2006.01); **B60R 22/46** (2006.01)

CPC (source: EP KR US)

B60R 22/12 (2013.01 - KR); **B60R 22/26** (2013.01 - KR); **B60R 22/38** (2013.01 - KR); **B60R 22/44** (2013.01 - EP KR US); **B60R 22/46** (2013.01 - EP KR US); **B60R 2022/4473** (2013.01 - EP KR US); **B60R 2022/4666** (2013.01 - EP KR US); **B60R 2022/468** (2013.01 - EP KR US)

Citation (search report)

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- [A] DE 10346967 A1 20050519 - SIEMENS AG [DE]
- [A] US 2004021029 A1 20040205 - EBERLE WALTER [DE], et al

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1785321 A1 20070516; **EP 1785321 B1 20080312**; AT E388863 T1 20080315; BR PI0618376 A2 20120703; CN 101304903 A 20081112; CN 101304903 B 20110105; DE 502005003234 D1 20080424; JP 2009514731 A 20090409; JP 5145538 B2 20130220; KR 101018725 B1 20110304; KR 20080067690 A 20080721; US 2009026828 A1 20090129; WO 2007054205 A1 20070518

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